

Claims 1-29 canceled.

30. (Amended) A method of determining and providing radio signals and data relating to radio signals receivable at an actual receiving site, comprising the steps of:

5 ~~utilizing local~~ determining data relating to the actual receiving site in a radio system, wherein receiving sites in a given receiving area are covered by at least one transmitter;

utilizing, for determining data about radio signals receivable at the actual receiving site, at least one first list containing different data blocks  
10 about different radio signals receivable in principle in the given receiving area, each different data block having associated therewith a unique program identifier;

~~associating at least one signal with the data in the at least one first list and relating to radio signals transmitted by the at least one transmitter;~~

15 utilizing, based on the data relating to the actual receiving site, at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different data blocks about the radio  
20 signals actually receivable in the and data in the at least one first list relating to such radio signals, said at least one second list containing for for a given partial area of the receiving area, the data blocks being included in the first list and not in the second list the signals associated with the data relating to radio signals receivable in the partial area; and

25 directly providing on the basis of the data blocks included in the first list and associated with the unique program identifiers included in the second list, provided a radio signal selected from all of the radio signals actually  
receivable at the actual receiving site.

31. (Amended) The method of claim 30, further in which the step of determining data relating to the actual receiving site comprising the step of comprises determining and utilizing as local data derived from local coordinates of the actual receiving site.

5 32. (Amended) The method of claim ~~34~~ 30, in which the step of determining data relating to the actual receiving site comprises determining and utilizing further ~~comprising the step of determining the~~ local data by means of radio signals actually receivable at the receiving site.

10 33. (Amended) The method of claim 30, wherein the data blocks of the first list relating about the different radio signals in principle receivable within the receiving area covered by at least one transmitter ~~is~~ are transmitted by the at least one transmitter.

15 34. (Amended) The method of claim 33, further comprising the step of storing in a receiver the data blocks relating to radio signals in principle ~~receivable in a receiving area covered by the at least one transmitter~~ on the first list.

20 35. (Amended) The method of claim 34, further comprising the step of exchanging only information data stored in the receiver which is affected by changes of radio signals receivable within a receiving area covered by ~~the~~ at least one transmitter.

36. (Original) The method of claim 30, wherein the data in the at least one first list receivable as a function of the actual receiving site is transmitted by the at least one transmitter.

25 37. (Amended) The method of claim 36, further comprising the step of storing in a receiver the data in the at least one first list receivable as a

function of the actual receiving site.

38. (Original) The method of claim 37, further comprising the step of exchanging, when changing from a first receiving site to a new receiving site, only data relevant to the new receiving site which differs from data relating to  
5 the first receiving site.

39. (Amended) The method of claim 30, further comprising the steps of actualizing the data relating to radio signals receivable ~~in~~ at a receiving site covered by at least one transmitter in one transmission cycle and of repeatedly actualizing data relating to radio signals in the at least one first list  
10 and receivable as a function of the actual receiving site.

40. (Amended) The method of claim 30, wherein the a plurality of second local lists containing for a different given partial area areas of the receiving area the signals associated with the radio signals receivable ~~in~~ at the partial ~~area areas~~ are compiled to a single list.

15 41. (Amended) The method of claim 30, further comprising the steps of determining, from a plurality of second local lists, the second local list valid for an actual receiving site by ~~local~~ the data determined in the step of determining relating to the actual receiving site and of selecting, with the at least one second local list and using the unique program identifiers, from the  
20 at least one first list the data blocks relating to all radio signals receivable at the actual receiving site.

42. (Amended) The method of claim 30, in which the at least one first list includes further comprising the step of associating numbers as signals unique program identifiers associated with to the different data blocks relating to  
25 ~~radio signals receivable in principle in a receiving area covered by at least one transmitter, whereby~~ wherein the at least one second local list also

~~includes is compiled of sequences of the numbers as the unique program~~  
identifiers.

43. (Amended) The method of claim 42, wherein the data blocks relating  
to radio signals receivable in principle within a receiving area covered by at  
5 ~~least one transmitter~~ and the associated numbers of at least one first list are  
transmitted by the at least one transmitter.

44. (Amended) The method of claim 42, wherein the data blocks relating  
to radio signals receivable in principle within a receiving area covered by at  
~~least one transmitter~~ and the associated numbers of the at least one first list  
10 are stored in a receiver.

45. (Amended) The method of claim 30, wherein the data in the at least  
one ~~first~~ second local list of radio signals receivable as a function of the  
actual receiving site are transmitted by the at least one transmitter as  
sequences of numbers.

15 46. (Amended) The method of claim 30, wherein the data in the at least  
one ~~first~~ second local list of radio signals receivable as a function of the actual  
receiving site are stored in a receiver.

47. (Amended) The method of claim 30, wherein the data blocks in the at  
least one first list ~~relating to radio signals in principle receivable in a receiving~~  
20 ~~area covered by at least one transmitter and the data relating to radio signals~~  
~~in the at least one first list receivable as a function of the actual receiving site~~  
include frequency bands, channels and frequency blocks in addition to at  
least one of a currently received frequency band, channel and frequency  
block.

25 48. (Amended) The method of claim 30, in which the step of determining

~~data on the actual receiving site further comprising~~ comprises the step of at least approximately determining the actual receiving site by one of utilizing identification signals relating to the transmitter site transmitted by the at least one transmitter and a phase comparison hyperbolic position fixing process.

5 49. (Amended) The method of claim 30, further comprising the step of determining data relating to the actual receiving site by a satellite navigation system.

50. (Amended) The method of claim 30, wherein the same radio signals are receivable at each site within a partial area associated with ~~a~~ the at least  
10 one second local list and pertaining to a receiving area covered by the at least one transmitter.

51. (Original) The method of claim 30, wherein for an actual receiving site in a partial area transmitters transmit the data relating to radio signals receivable in the partial area and an adjacent area.

15 52. (Amended) The method of claim 30, wherein for an actual receiving site in a partial area the data relating to radio signals receivable in the partial area and an adjacent area are stored in a storage of a receiver at the actual receiving site.

20 53. (Amended) The method of claim 52, wherein during change from a receiving site to a further receiving site in an adjacent partial area data relating to receivable radio signals in the adjacent partial area are stored and data relating to radio signals in partial areas no longer adjacent to the further receiving site are removed from the storage.

54. (Original) The method of claim 53, further comprising the step of  
25 utilizing data relating to directional movement prior to arrival at the further

receiving site for accelerating the exchange of data in the storage.

55. (Amended) The method of claim 30, wherein the radio signal signals in the radio system comprise at least one of receivable program signals, types of programs and transmitters.

5 56. (Amended) The method of claim 30, wherein the data blocks in the at least one first list relating to radio signals in principle receivable in a receiving area covered by the at least one transmitter is ~~are~~ compiled in a single first list.

10 57. (Amended) An apparatus for determining and providing radio signals and data relating to radio signals receivable at an actual receiving site by the utilization of local data in a radio system, comprising:

means for determining data relating to radio signals in principle receivable in a receiving area covered by at least one transmitter; the data including at least one first list containing different data blocks relating to  
15 different radio signals receivable in principle in a given receiving area, each different data block having associated therewith a unique program identifier  
~~the data and at least one identifying signal associated in the at least one list with the data relating to the radio signal transmitted by the at least one~~  
transmitter;

20 means for selectively switching between an automatic and a manual determination of data relating to the actual receiving site;

first a storage means for storing at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second list containing for a given partial area of the receiving area  
25 including the actual receiving site, the unique program identifiers associated with the different data blocks relating to the radio signals actually receivable in the partial area, the data blocks being included in the first list only containing  
~~identifying signals associated with the data relating to radio signals receivable~~

~~in a given partial area of a receiving area;~~

control means for selecting from the at least one first list on the basis  
of ~~the unique program identifiers included in the at least one second list~~  
~~associated with the local data and identifying signals from the first storage all~~  
5 valid data ~~blocks from the at least one first list, which relate~~ relating to radio  
signals receivable at an actual receiving site; and

means for indicating the data ~~blocks from the at least one first list~~ valid  
for the actual receiving site.

58. (Canceled)

10 59. (Original) The apparatus of claim 57, wherein the storage is a  
random access memory (RAM).

60. (Amended) The apparatus of claim 57, further comprising one of an  
antenna and a further storage for receiving and storing ~~the data blocks in the~~  
~~at least one first list relating to radio signals in principle receivable in a~~  
15 ~~receiving area covered by the at least one transmitter.~~

61. (Amended) The apparatus of claim 57, wherein the ~~principle further~~  
~~comprising~~ means for indicating is manually controllable and comprises ~~at~~  
~~least one of a video or and~~ audio display.

62. (New) An apparatus for determining and providing radio signals and  
20 data relating to radio signals receivable at an actual receiving site,  
comprising:

means for determining data relating to the actual receiving site in a  
radio system, wherein receiving sites in a given receiving area are covered by  
at least one transmitter;

25 means for utilizing, for determining data relating to radio signals  
receivable at the actual receiving site, at least one first list containing different

data blocks relating to different radio signals receivable in principle in the given receiving area, each different data block having associated therewith a unique program identifier;

- means for utilizing, based on the data relating to the actual receiving site, at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second local list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different data blocks relating to the radio signals actually receivable in the partial area, the data blocks being included in the first list only; and

means for directly providing on the basis of the data blocks included in the first list which are associated with the unique program identifiers included in the second local list, a radio signal selected from all the radio signals actually receivable at the actual receiving site.

63. (New) A method of determining and providing radio signals and data relating to radio signals receivable at an actual receiving site by the utilization of local data in a radio system, comprising the steps of:

- determining data relating to radio signals in principle receivable in a receiving area covered by at least one transmitter, the data including at least one first list containing different data blocks relating to different radio signals in principle receivable in a given receiving area, each different data block having associated therewith a unique program identifier;

selectively switching between an automatic and a manual determination of data relating to the actual receiving site;

- storing at least one second local list for the selection of all radio signals receivable at the actual receiving site, the at least one second list containing for a given partial area of the receiving area including the actual receiving site, the unique program identifiers associated with the different data blocks relating to the radio signals actually receivable in the partial area, the data blocks being included in the first list only;



selecting from the at least one first list on the basis of the unique program identifiers included in the at least one second list associated with the local data valid data blocks from the at least one first block, which relate to radio signals receivable at the actual receiving site; and

- 5        Indicating the data blocks from the at least one first list valid for the actual receiving area.

64. (New)    The method of claim 57, in which the radio signals are digital radio signals.